



MATERIAL FACT SHEET

279810 GT2103-PMBDS

General Data

Product Hierarchy	IAT93001
	HMI
	Small HMI
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_I/A/EUR/en/p/000000000000612268

FA-HMI: Human Machine Interface

Series	GOT2000 SERIES
Type	GT21 MODEL
Power Supply (V)	24
Current Type	DC
Display	TFT
Display Colour	MONOCHROME
Display Size (Inch)	3,8
Resolution (Pixels)	320X128
Internal Memory Capacity (MB)	3
Memory Card Slot	SD
USB	1
RS-232	1
RS-422/485	1
Network Options	MODBUS
Protection Class	IP67F

Product Dimensions & Weight

Width (mm)	113
Height (mm)	74
Depth (mm)	27
Weight (kg)	0,2

Logistic Dimensions & Gross Weight

Length (cm)	16,0
Width (cm)	11,5
Height (cm)	8,0
Gross Weight (kg)	0,322
Volume (cdm)	1,472

Stock Data

Planned Delivery Time (Days)	54
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Life Cycle

Sales Start	15.12.2014
Predecessor	228091 / GT1020-LWD2

Additional Product Information

Binding Tariff Information	DEBTI-10694/21-1
BTI validity date	10.10.2024
Battery included	NO

Export Data

Commodity Code	85371091
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

Environmental

REACH Limit Exceeded	YES
REACH Substance CAS Number	108-78-1
REACH Substance CAS Number (2)	119313-12-1
REACH Substance CAS Number (3)	12626-81-2
REACH Substance CAS Number (4)	25973-55-1
REACH Substance CAS Number (5)	71868-10-5
REACH Substance CAS Number (6)	7439-92-1
REACH Substance CAS Number (7)	3147-75-9
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	NON-COMPLIANT
Shipping Approvals	ABS,BV,DNV,LR,NK,RINA
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2f94&q=GT2103-PMBDS&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=GT2103-PMBDS&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=GT2103-PMBDS&doc-lang=en

Product Packaging

Cardboard (g)	118
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	2
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
304666	GT2103/04-PMBx /RTBD FUSE	1	PC
304673	GT2103-PMBDS PCB MAIN	1	PC
304674	GT2103-PMBDS COVER REAR	1	PC
304669	GT2103-PMBx COVER FRONT	1	PC
304670	GT2103-PMBx ENVIRONMENT SHEET	1	PC
304671	GT2103-PMBx TOUCH PANEL	1	PC
304672	GT2103-PMBx DISPLAY	1	PC
290503	GT1020/30 Mounting Kit	1	PC

Compatible products

Material	Description / Price List Text / Classification
163948	GT01-C30R4-8P Conn.cable F-CPU+GOT2000/GOT1000/GOT Simple;3m Class 100100303: FA-HMI: Cable
163949	GT01-C10R4-8P GOT Connection cable for CPU (MELSEC FX series) and GOT1000-series HMIs; 1 m Class 100100303: FA-HMI: Cable
163950	GT01-C100R4-8P GOT Connection cable for CPU (MELSEC FX series) and GOT1000-series HMIs; 10 m Class 100100303: FA-HMI: Cable
163951	GT01-C200R4-8P GOT Connection cable for CPU (MELSEC FX series) and GOT1000-series HMIs; 20 m Class 100100303: FA-HMI: Cable
163952	GT01-C300R4-8P GOT Connection cable for CPU CPU (MELSEC FX series) and GOT1000-series; 30 m Class 100100303: FA-HMI: Cable

Material	Description / Price List Text / Classification
163953	GT01-C30R4-25P Conn.cable AnS/QnAS/A/QnA/F-CPU+GOT2000/GOT1000/GOT Simple;3m Class 100100303: FA-HMI: Cable
163954	GT01-C100R4-25P GOT Connection cable for CPU (MELSEC AnS/QnAS or A/QnA) and GOT1000-series; 10 m Class 100100303: FA-HMI: Cable
163955	GT01-C200R4-25P GOT Connection cable for CPU (MELSEC AnS/QnAS or A/QnA) and GOT1000-series; 20 m Class 100100303: FA-HMI: Cable
163956	GT01-C300R4-25P GOT Connection cable for CPU (MELSEC AnS/QnAS or A/QnA) and GOT1000-series; 30 m Class 100100303: FA-HMI: Cable
163957	GT01-C30R2-9S GOT Connection cable for CPU (MELSEC FX with 9pin) and GOT1000-series HMIs; 3 m Class 100100303: FA-HMI: Cable
163958	GT01-C30R2-25P Connection cable; FXCPU D-sub 25-pin to GOT/PC (GT SoftGOT2000/1000) D-sub 9-pin Class 100100303: FA-HMI: Cable
163959	GT01-C30R2-6P Conn.cable Q/LCPU+GOT2000/GOT1000/GOT Simple / Progr.cable GT1020/30;3m Class 100100303: FA-HMI: Cable
200493	GT10-C10R4-8P Conn.cable F-CPU + GT1020/GT1030/GT2103-PMBDS;1m Class 100100303: FA-HMI: Cable
200494	GT10-C30R4-8P Conn.cable F-CPU + GT1020/GT1030/GT2103-PMBDS;3m Class 100100303: FA-HMI: Cable
200495	GT10-C100R4-8P Conn.cable F-CPU + GT1020/GT1030/GT2103-PMBDS;10m Class 100100303: FA-HMI: Cable
200496	GT10-C30R4-25P GOT Connection cable for CPU (MELSEC AnS/QnAS/A/QnA) and GT1020/GT1030; 3 m Class 100100303: FA-HMI: Cable
200497	GT10-C100R4-25P GOT Connection cable for CPU (MELSEC AnS/QnAS/A/QnA) and GT1020/GT1030; 10 m Class 100100303: FA-HMI: Cable
200498	GT10-C30R2-6P Conn.cable Q-CPU + GT1020/GT1030;3m Class 100100303: FA-HMI: Cable
204632	FA-CNV2402CBL Communication cable for Q Series CPU; RS-232 to RS-422; 0,2m Class 100100303: FA-HMI: Cable
204633	FA-CNV2405CBL Communication cable for Q Series CPU; RS-232 to RS-422; 0,5m Class 100100303: FA-HMI: Cable
230085	GT10-C10R4-8PC GOT conn.cable for CPU (FX series) and GT1020/GT1030-series HMIs; 1 m; connector Class 100100303: FA-HMI: Cable
230086	GT10-C30R4-8PC GOT conn.cable for CPU (FX series) and GT1020/GT1030-series HMIs; 3 m; connector Class 100100303: FA-HMI: Cable
230087	GT10-C100R4-8PC GOT conn.cable for CPU (FX series) and GT1020/GT1030-series HMIs; 10m; connector Class 100100303: FA-HMI: Cable
230088	GT10-C200R4-8PC GOT conn.cable for CPU (FX series) and GT1020/GT1030-series HMIs; 20m; connector Class 100100303: FA-HMI: Cable
230089	GT10-C300R4-8PC GOT conn.cable for CPU (FX series) and GT1020/GT1030-series HMIs; 30m; connector Class 100100303: FA-HMI: Cable
279811	GT21-03SDCD GOT2000;GT21 SD Card Option Unit Class 100100302: FA-HMI: Interface Card
279812	GT21-03PSGC-UC GOT2000;Protection foil;3,8";anti glare;5 pcs Class 100100304: FA-HMI: Other Option
279813	GT21-03PSCC-UC GOT2000;Protection foil;3,8";clear;5 pcs Class 100100304: FA-HMI: Other Option

Material	Description / Price List Text / Classification
280465	GT21-C10R4-8P5 GOT2000;RS-422 connection cable between FX CPU and GT2103-PMBD;1m Class 100100303: FA-HMI: Cable
280466	GT21-C30R4-8P5 GOT2000;RS-422 connection cable between FX CPU and GT2103-PMBD;3m Class 100100303: FA-HMI: Cable
280467	GT21-C100R4-8P5 GOT2000;RS-422 connection cable between FX CPU and GT2103-PMBD;10m Class 100100303: FA-HMI: Cable
280468	GT21-C200R4-8P5 GOT2000;RS-422 connection cable between FX CPU and GT2103-PMBD;20m Class 100100303: FA-HMI: Cable
280469	GT21-C300R4-8P5 GOT2000;RS-422 connection cable between FX CPU and GT2103-PMBD;30m Class 100100303: FA-HMI: Cable
280470	GT21-C30R4-25P5 GOT2000;RS-422 connection cable between Q CPU and GT2103-PMBD;3m Class 100100303: FA-HMI: Cable
280471	GT21-C100R4-25P5 GOT2000;RS-422 connection cable between Q CPU and GT2103-PMBD;10m Class 100100303: FA-HMI: Cable
280474	GT21-C200R4-25P5 GOT2000;RS-422 connection cable between Q CPU and GT2103-PMBD;20m Class 100100303: FA-HMI: Cable
280475	GT21-C300R4-25P5 GOT2000;RS-422 connection cable between Q CPU and GT2103-PMBD;30m Class 100100303: FA-HMI: Cable
284223	GT10-C02H-6PT9P GOT;RS-232 connection cable between Q/L/FX/WS/MELSERVO and GT2103-PMBDS;0,2m Class 100100303: FA-HMI: Cable
323273	GT09-C30R2-9P GOT RS-232 connection cable to MELSEC iQ-R; 3 m Class 100100303: FA-HMI: Cable
323274	GT09-C30R4-6C GOT RS-422 connection cable to MELSEC iQ-R; 3 m Class 100100303: FA-HMI: Cable
340435	GT09-C200R4-6C GOT RS-422 connection cable to MELSEC iQ-R; 20 m Class 100100303: FA-HMI: Cable
598567	GT10-C02H-9SC GOT; RS-232 connection cable between PLC and GT21; 0,2m Class 100100303: FA-HMI: Cable
612268	Transcend SDHC Card 8GB Class 4 SDHC memory card 8GB; Class 4; R: 18MB/s; W: 6MB/s Class 100100304: FA-HMI: Other Option